

# 11 Program Preferences

This Attachment identifies the specific Program Preferences that the Projects in this Proposal will meet; the certainty that the projects will meet the Program Preferences; and the breadth and magnitude to which the Program preferences will be met. Projects in this proposal will address five (5) Statewide Priorities and all seven (7) DWR program preferences. These projects were developed and vetted through the IRWM group and have a high degree of certainty of meeting their respective objectives. Each project will be monitored for success and reports provided to the IRWM Group and DWR.

## Program Preferences

Exhibit 11-1 summarizes the DWR Program Preferences that are met by each Project. Each project meets multiple preferences; in particular each project addresses several Statewide Priorities as shown in Exhibit 11-2.

**Exhibit 11-1 How Projects meet DWR Program Preferences**

Project		Statewide Priorities				
		Regional project	Integrate Projects within Hydrological Sub-region	Contribute to Attainment of One or More CALFED Objectives	Address Critical Water Supply or Quality Needs of DAC	Address Statewide Priorities
1	Cross Valley Canal to Calloway Canal Intertie	✓	✓	✓		✓
2	Madera Avenue Intertie	✓	✓	✓		✓
3	Habitat Improvements		✓			✓
4	On-Farm Mobile Lab	✓	✓	✓		✓
5	<i>DAC Fund for Feasibility-Level Studies and Well Destruction Program</i>	✓	✓		✓	✓
6	<i>Consolidation of Bishop Acres</i>			✓	✓	✓

**Exhibit 11-1 How Projects meet DWR Program Preferences**

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		Regional project	Integrate Projects within Hydrological Sub-region	Contribute to Attainment of One or More CALFED Objectives	Address Critical Water Supply or Quality Needs of DAC	Address Statewide Priorities
7	<i>North Shafter Sewer Hook-up</i>			✓	✓	✓
8	Meter Installation				✓	✓

**Certainty that the Proposal will meet the Program Preferences**

The Poso Creek IRWM Group used several factors to identify projects for the application. Several of these projects were developed over many years and have undergone careful review. Careful review and screening gives assurance that the projects in the Proposal will meet the Program Preferences. The Group used several criteria to review the projects:

- Regional
- Technical Feasibility
- Construction/Implementation Preparedness
- Matching Funds (with the exception of DAC projects)
- Benefits
- Multiple Beneficiaries.

All projects are technically feasible, prepared for construction/implementation, have local funding match in place, and provide benefits will be achieved. All projects have performance measures that verify project performance. Monitoring and reporting will be implemented for each project. Performance of each project will be evaluated by the IRWM Group.

With the exception of Project 5 (development of projects of DACs) each project has undergone significant project development. Projects 1 and 2 have undergone extensive feasibility and engineering development as discussed in Attachment 3. Project 3 is based on well developed habitat restoration techniques and was developed by an experienced restoration group, Tulare Basin Wildlife Partners, for the proposed sites. Project 4 is an extension of a long standing and successful program that is successful throughout the State. Project 6 through 8 have been developed by the city of Shafter and will employ straightforward and well-accepted construction techniques.

**Breadth and Magnitude to Which Program Preferences Will be Met.**

Exhibit 11-2 summarizes the extent to which the projects will address the State's Program Preferences. The Projects will promote more effective water management in a region of some 350,000 acres of irrigated land, will benefit three Cities and three Census Designated Places (CDPs) that qualify as disadvantaged communities, and will benefit several County Subdivision (CCD) areas adjacent to the city of Shafter which also qualify as disadvantaged communities.

Exhibit 11-2

Project		Statewide Priorities						
		Drought Preparation	Use and Reuse Water More Efficiently	Climate Change Response Actions	Expand Environmental Stewardship	Practice Integrated Flood Management	Protect Surface Water and Groundwater Quality	Ensure Equitable Distribution of Benefits
1	Cross Valley Canal to Calloway Canal Intertie	Maximizes operational flexibility from all local supplies promotes conjunctive use	Multiple Sources Increases management flexibility	Allows maximum ground-water recharge	Provides water conveyance to waterfowl and wildlife areas	Allows increased use of flood waters for ground water recharge	Consistent Recharge reduces salt/NO3 loading	Efficient use and increased recharge benefits all water users
2	Madera Avenue Intertie	Maximizes operational flexibility from all local supplies Promotes conjunctive use	Multiple Sources Increases management flexibility	Allows maximum ground-water recharge			Consistent Recharge reduces salt/NO3 loading	Efficient use and increased recharge benefits all water users
3	Habitat Improvements	Promoting ground-water banking and improves quality of water percolated	Integrates ground-water banking and habitat improvements	Increases management flexibility	Creates significant wetland and riparian habitat		Reduces nutrient loading	
4	On-Farm Mobile Lab	Promotes efficient water use	Promotes efficient water use	Increases management flexibility			Reduces nutrient loading	efficiently using groundwater and protecting water quality benefits all water users
5	DAC Fund for	Promotes access to					Destruction of wells eliminates	Would assure sufficient

Exhibit 11-2

Project		Statewide Priorities						
		Drought Preparation	Use and Reuse Water More Efficiently	Climate Change Response Actions	Expand Environmental Stewardship	Practice Integrated Flood Management	Protect Surface Water and Groundwater Quality	Ensure Equitable Distribution of Benefits
	Feasibility-Level Studies and Well Destruction Program	sufficient groundwater resources to meet DAC needs during drought					source of contamination	supply protection of water quality in DAC areas
6	Consolidation of Bishop Acres	Promotes access to sufficient groundwater resources to meet DAC needs during drought		Additional well to City system provides more operational flexibility				Would assure sufficient supply protection of water quality in DAC areas
7	North Shafter Sewer Hook-up		Treated effluent used to recharge ground water		Destruction of Septic systems eliminates source of contamination		Destruction of Septic systems eliminates source of contamination	Would assure sufficient supply protection of water quality in DAC areas
8	Meter Installation	Water meters help residents understand water use which will help communicate need to curtail during droughts	Leak detection and repair increases water supply reliability by conserving precious water resources					This project will reduce costs of operation in these severely disadvantaged areas.